

Patent Claims

1. Method for the production of geotextiles of melt-spun filaments through hydrodynamic intertwining, characterized in that the melt-spun filaments are deposited onto a continuous screen band, are transported on this screen band through the first curing stage, wherein the filaments additionally during the entire process are fixed through suction zones on the screen band and in this manner are already sufficiently cured in the first curing stage, such that the transport free of disturbance without a transport band is possible.
2. Method as claimed in claim 1, characterized in that the screen band is guided through all curing stages.
3. Method as claimed in one of claims 1 or 2, characterized in that in the suction zones an underpressure of 1 to 100 mbar is applied.
4. Method as claimed in one of claims 1 to 3, characterized in that the mesh size of the screen band is $1\text{-}8\text{ cm}^{-1}$ if the curing takes place through the screen band.
5. Method as claimed in one of claims 1 to 3, characterized in that the mesh width of the screen band is $10\text{-}100\text{ cm}^{-1}$ if the screen band serves as a support.
6. Apparatus for the production of geotextiles of melt-spun filaments, characterized in that beneath the deposition apparatus is guided a screen band, to which suction zones are applied and the screen band is guided up to the first curing device.
7. Geotextiles produced according to a method as claimed in claims 1 - 4.